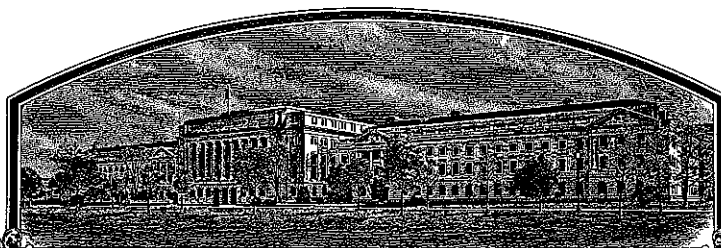


No.

200300173



THE UNITED STATES OF AMERICA

TO ALL TO WHOM THESE PRESENTS SHALL COME:

I I I International Seeds

Whereas, THERE HAS BEEN PRESENTED TO THE

Secretary of Agriculture

AN APPLICATION REQUESTING A CERTIFICATE OF PROTECTION FOR AN ALLEGED DISTINCT VARIETY OF SEXUALLY REPRODUCED, OR TUBER PROPAGATED PLANT, THE NAME AND DESCRIPTION OF WHICH ARE CONTAINED IN THE APPLICATION AND EXHIBITS, A COPY OF WHICH IS HEREUNTO ANNEXED AND MADE A PART HEREOF, AND THE VARIOUS REQUIREMENTS OF LAW IN SUCH CASES MADE AND PROVIDED HAVE BEEN COMPLIED WITH, AND THE TITLE THERETO IS, FROM THE RECORDS OF THE PLANT VARIETY PROTECTION OFFICE, IN THE APPLICANT(S) INDICATED IN THE SAID COPY, AND WHEREAS, UPON DUE EXAMINATION MADE, THE SAID APPLICANT(S) IS (ARE) ADJUDGED TO BE ENTITLED TO A CERTIFICATE OF PLANT VARIETY PROTECTION UNDER THE LAW.

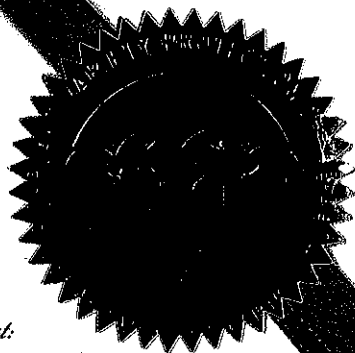
NOW, THEREFORE, THIS CERTIFICATE OF PLANT VARIETY PROTECTION IS TO GRANT UNTO THE SAID APPLICANT(S) AND THE SUCCESSORS, HEIRS OR ASSIGNS OF THE SAID APPLICANT(S) FOR THE TERM OF TWENTY YEARS FROM THE DATE OF THIS GRANT, SUBJECT TO THE PAYMENT OF THE REQUIRED FEES AND PERIODIC REPLENISHMENT OF VIABLE BASIC SEED OF THE VARIETY IN A PUBLIC REPOSITORY AS PROVIDED BY LAW, THE RIGHT TO EXCLUDE OTHERS FROM SELLING THE VARIETY, OR OFFERING IT FOR SALE, OR REPRODUCING IT, OR IMPORTING IT, OR EXPORTING IT, OR CONDITIONING IT FOR PROPAGATION, OR STOCKING IT FOR ANY OF THE FOREGOING PURPOSES, OR USING IT IN PRODUCING A HYBRID OR DIFFERENT VARIETY THEREFROM, TO THE EXTENT PROVIDED BY THE PLANT VARIETY PROTECTION ACT. (84 STAT. 1542, AS AMENDED, 7 U.S.C. 2321 ET SEQ.)

FESCUE, TALL

'Galatea'

In Testimony Whereof, I have hereunto set my hand and caused the seal of the Plant Variety Protection Office to be affixed at the City of Washington, D.C. this sixteenth day of July, in the year two thousand and eight.

Attest:



[Signature]

Commissioner
Plant Variety Protection Office

[Signature]

Secretary of Agriculture

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY - PLANT VARIETY PROTECTION OFFICE

APPLICATION FOR PLANT VARIETY PROTECTION CERTIFICATE
(Instructions and information collection burden statement on reverse)

The following statements are made in accordance with the Privacy Act of 1974 (5 U.S.C. 552a) and the Paperwork Reduction Act (PRA) of 1995.

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). Information is held confidential until certificate is issued (7 U.S.C. 2426).

1. NAME OF OWNER DLF-USA International Seeds (BT: 8/27/2007)		2. TEMPORARY DESIGNATION OR EXPERIMENTAL NAME OFI-951		3. VARIETY NAME Galatea (BT: 12/3/2007)	
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code, and Country) DLF Jenks International Seeds P.O. Box 216229 97348 Halsey, Oregon 97321		5. TELEPHONE (include area code) 369-2251 541-812-0217		FOR OFFICIAL USE ONLY PVPO NUMBER 200300173	
6. FAX (include area code) 541-		7. IF THE OWNER NAMED IS NOT A "PERSON", GIVE FORM OF ORGANIZATION (corporation, partnership, association, etc.) Corporation		8. IF INCORPORATED, GIVE STATE OF INCORPORATION Oregon	
9. DATE OF INCORPORATION 3-4-1991		10. NAME AND ADDRESS OF OWNER REPRESENTATIVE(S) TO SERVE IN THIS APPLICATION. (First person listed will receive all papers) (BT: 5/13/2008) Claus Sass and Steve Johnson Kathleen L. Florence DLF Jenks 176 West H Street P.O. Box 216229 Albany, Oregon 97321 Halsey 97348 (BT: 8/27/2007)		FILING DATE 2/21/2003	
11. TELEPHONE (include area code) 541-929-3703 (BT: 8/27/2007)		12. FAX (include area code) 541-929-4087		FILING AND EXAMINATION FEES: \$ 2,705.00 DATE 2/21/2003 CERTIFICATION FEE: \$ 768.00 DATE 5/13/2008	
13. E-MAIL claus@intlseed.com		14. CROP KIND (Common Name) tall fescue		15. GENUS AND SPECIES NAME OF CROP Festuca arundinacea	
16. FAMILY NAME (Botanical) Poa ceae		17. IS THE VARIETY A FIRST GENERATION HYBRID? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO		18. CHECK APPROPRIATE BOX FOR EACH ATTACHMENT SUBMITTED (Follow instructions on reverse) a. <input checked="" type="checkbox"/> Exhibit A. Origin and Breeding History of the Variety b. <input checked="" type="checkbox"/> Exhibit B. Statement of Distinctness c. <input checked="" type="checkbox"/> Exhibit C. Objective Description of Variety d. <input checked="" type="checkbox"/> Exhibit D. Additional Description of the Variety (Optional) e. <input checked="" type="checkbox"/> Exhibit E. Statement of the Basis of the Owner's Ownership f. <input checked="" type="checkbox"/> Voucher Sample (2,500 viable untreated seeds or, for tuber propagated varieties, verification that tissue culture will be deposited and maintained in an approved public repository) g. <input checked="" type="checkbox"/> Filing and Examination Fee (\$2,705), made payable to "Treasurer of the United States" (Mail to the Plant Variety Protection Office)	
19. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE SOLD AS A CLASS OF CERTIFIED SEED? See Section 83(a) of the Plant Variety Protection Act <input type="checkbox"/> YES (If "yes", answer items 20 and 21 below) <input checked="" type="checkbox"/> NO (If "no", go to item 22)		20. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF CLASSES? IF YES, WHICH CLASSES? <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED		21. DOES THE OWNER SPECIFY THAT SEED OF THIS VARIETY BE LIMITED AS TO NUMBER OF GENERATIONS? IF YES, SPECIFY THE <input type="checkbox"/> FOUNDATION <input type="checkbox"/> REGISTERED <input type="checkbox"/> CERTIFIED NUMBER 1,2,3, etc. (If additional explanation is necessary, please use the space indicated on the reverse.)	
22. HAS THE VARIETY (INCLUDING ANY HARVESTED MATERIAL) OR A HYBRID PRODUCED FROM THIS VARIETY BEEN SOLD, DISPOSED OF, TRANSFERRED, OR USED IN THE U. S. OR OTHER COUNTRIES? <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO IF YES, YOU MUST PROVIDE THE DATE OF FIRST SALE, DISPOSITION, TRANSFER, OR USE FOR EACH COUNTRY AND THE CIRCUMSTANCES. (Please use space indicated on reverse.)		23. IS THE VARIETY OR ANY COMPONENT OF THE VARIETY PROTECTED BY INTELLECTUAL PROPERTY RIGHT (PLANT BREEDER'S RIGHT OR PATENT)? <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO IF YES, PLEASE GIVE COUNTRY, DATE OF FILING OR ISSUANCE AND ASSIGNED REFERENCE NUMBER. (Please use space indicated on reverse.)		24. The owners declare that a viable sample of basic seed of the variety will be furnished with application and will be replenished upon request in accordance with such regulations as may be applicable, or for a tuber propagated variety a tissue culture will be deposited in a public repository and maintained for the duration of the certificate. The undersigned owner(s) is(are) the owner of this sexually reproduced or tuber propagated plant variety, and believe(s) that the variety is new, distinct, uniform, and stable as required in Section 42, and is entitled to protection under the provisions of Section 42 of the Plant Variety Protection Act. Owner(s) is(are) informed that false representation herein can jeopardize protection and result in penalties.	
SIGNATURE OF OWNER Claus Sass by J. Newell		SIGNATURE OF OWNER Gerald B. Newell		NAME (Please print or type) CLAUSS SASS	
CAPACITY OR TITLE Mgr DLF-JENKS		CAPACITY OR TITLE FIELD PRODUCTION Mgr		DATE 2/20/03	

INSTRUCTIONS

200300173

GENERAL: To be effectively filed with the Plant Variety Protection Office (PVPO), **ALL** of the following items must be received in the PVPO: (1) Completed application form signed by the owner; (2) completed exhibits A, B, C, E; (3) for a seed reproduced variety at least 2,500 viable untreated seeds, for a hybrid variety at least 2,500 untreated seeds of each line necessary to reproduce the variety, or for tuber reproduced varieties verification that a viable (*in the sense that it will reproduce an entire plant*) tissue culture will be deposited and maintained in an approved public repository; (4) check drawn on a U.S. bank for \$2,705 (\$320 filing fee and \$2,385 examination fee), payable to "Treasurer of the United States" (See Section 97.6 of the Regulations and Rules of Practice.) Partial applications will be held in the PVPO for not more than 90 days, then returned to the applicant as unfilled. Mail application and other requirements to Plant Variety Protection Office, AMS, USDA, Room 401, NAL Building, 10301 Baltimore Avenue, Beltsville, MD 20705-2351. **Retain one copy for your files.** All items on the face of the application are self explanatory unless noted below. Corrections on the application form and exhibits must be initialed and dated. **DO NOT** use masking materials to make corrections. If a certificate is allowed, you will be requested to send a check payable to "Treasurer of the United States" in the amount of \$320 for issuance of the certificate. Certificates will be issued to owner, not licensee or agent.

Plant Variety Protection Office

Telephone: (301) 504-5518

FAX: (301) 504-5291

Homepage: <http://www.ams.usda.gov/science/pvpo/pvp.htm>

ITEM

- 18a. Give: (1) the genealogy, including public and commercial varieties, lines, or clones used, and the breeding method;
(2) the details of subsequent stages of selection and multiplication;
(3) evidence of uniformity and stability; and
(4) the type and frequency of variants during reproduction and multiplication and state how these variants may be identified
- 18b. Give a summary of the variety's distinctness. Clearly state how this application variety may be distinguished from all other varieties in the same crop. If the new variety is most similar to one variety or a group of related varieties:
(1) identify these varieties and state all differences objectively;
(2) attach statistical data for characters expressed numerically and demonstrate that these are clear differences; and
(3) submit, if helpful, seed and plant specimens or photographs (prints) of seed and plant comparisons which clearly indicate distinctness.
- 18c. Exhibit C forms are available from the PVPO Office for most crops; specify crop kind. Fill in Exhibit C (Objective Description of Variety) form as completely as possible to describe your variety.
- 18d. Optional additional characteristics and/or photographs. Describe any additional characteristics that cannot be accurately conveyed in Exhibit C. Use comparative varieties as is necessary to reveal more accurately the characteristics that are difficult to describe, such as plant habit, plant color, disease resistance, etc.
- 18e. Section 52(5) of the Act requires applicants to furnish a statement of the basis of the applicant's ownership. An Exhibit E form is available from the PVPO.
19. If "Yes" is specified (*seed of this variety be sold by variety name only, as a class of certified seed*), the applicant **MAY NOT** reverse this affirmative decision after the variety has been sold and so labeled, the decision published, or the certificate issued. However, if "No" has been specified, the applicant may change the choice. (See Regulations and Rules of Practice, Section 97.103).
22. See Sections 41, 42, and 43 of the Act and Section 97.5 of the regulations for eligibility requirements.
23. See Section 55 of the Act for instructions on claiming the benefit of an earlier filing date.

21. CONTINUED FROM FRONT (Please provide a statement as to the limitation and sequence of generations that may be certified.)

22. CONTINUED FROM FRONT (Please provide the date of first sale, disposition, transfer, or use for each country and the circumstances, if the variety (including any harvested material) or a hybrid produced from this variety has been sold, disposed of, transferred, or used in the U.S. or other countries.)

First sale of 'Galatea' tall rescue was in September of 2002
(on 12/3/2001)

23. CONTINUED FROM FRONT (Please give the country, date of filing or issuance, and assigned reference number, if the variety or any component of the variety is protected by intellectual property right (Plant Breeder's Right or Patent).)

NOTES: It is the responsibility of the applicant/owner to keep the PVPO informed of any changes of address or change of ownership or assignment or owner's representative during the life of the application/certificate. There is no charge for filing a change of address. The fee for filing a change of ownership or assignment or any modification of owner's name is specified in Section 97.175 of the regulations. (See Section 101 of the Act, and Sections 97.130, 97.131, 97.175(h) of the Regulations and Rules of Practice.)

To avoid conflict with other variety names in use, the applicant must check the appropriate recognized authority. For example, for agricultural and vegetable crops, contact: Seed Branch, AMS, USDA, Room 213, Building 306, Beltsville Agricultural Research Center--East, Beltsville, MD 20705.

Telephone: (301) 504-8089. <http://www.ams.usda.gov/lsg/seed.htm>

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 3.0 hours per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

The U.S. Department of Agriculture (USDA) prohibits discrimination in all its programs and activities on the basis of race, color, national origin, sex, religion, age, disability, political beliefs, sexual orientation, or marital or family status. (Not all prohibited bases apply to all programs.) Persons with disabilities who require alternative means for communication of program information (Braille, large print, audiotape, etc.) should contact USDA's TARGET Center at 202-720-2600 (voice and TDD).

To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, DC 20250-9410 or call 202-720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

S&T-470 (07-01) designed by the Plant Variety Protection Office with WordPerfect 9.0. Replaces STD-470 (04-01) which is obsolete.

EXHIBIT A. Origin and Breeding History of ~~Galatea~~ (OFI-951) tall fescue.

(BT:12/3/2007) ~~Galatea~~
 OFI-951 was developed in 1995 at Olsen-Fennell Seeds, Inc. (OFI) in Salem, Oregon. The population is derived from nine parental clones. Parental clones were selected from two populations at OFI.

Clones 1-5: Selections from QS-RH2, an experimental turf variety created in 1990 by Quality Seeds, Inc. This population's parentage included selections from Bonanza, Carefree, Jaguar, Rebel, and selections collected in Kentucky and California from old turf of unknown pedigrees. Seed from this population was entered into turf trials sown in Southern Illinois in 1992. In 1993, plugs were pulled from one of the plots sown with QS-RH2 and transported to Salem, Oregon where they were vegetatively propagated and placed into a space planted breeder block. The five clones selected from this block all featured a narrow leaf width, reduced crown height and a very upright growth habit.

Clones 6-9: Selections from QS-ST2, an experimental variety created by Quality Seeds, Inc. The parentage of this population consisted of selections made from old turf areas in Kentucky, Illinois and Indiana. The parentage of this population is unknown. This population featured dark green color, reduced crown height and short moderately wide leaf blades.

The above 9 clones were moved to an isolated crossing block in 1993 and were allowed to cross-pollinate in the summer of 1994. Seed from these clones were bulked evenly by weight and labeled OFI-RH, syn.1. Shortly after seed harvest in 1994, approximately 1400 plants were established from the OFI-RH seed, in the greenhouse in Salem, Oregon. Plants were continually screened, prior to transplanting, for dark green color, reduced growth habit and dark green color. In the spring of 1995, approximately 1000 plants were transplanted. These plants were backcrossed with vegetative clones derived from two of the original parental clones selected from QS-ST2. These two particular parents featured an extremely dark green color. The vegetative clones and the progeny of OFI-RH were planted in alternating rows to ensure even pollination (ie, veg. clone#1, OFI-RH, veg. clone#2, OFI-RH,). In the summer of 1996, seed was harvested only from the OFI-RH rows. This seed was bulked and subsequently renamed OFI-951, syn 2 and was considered the breeder seed of OFI-951. The seed from this population was thinly drilled in a 0.75 acre block in the fall of 1996. Throughout the growing season, this population was continually rouged for uniformity. Resulting foundation seed from this material was harvested in both 1997 and 1998. In the spring of 2001, foundation seed of OFI-951 was planted for the production of commercial seed.

EXHIBIT A. Con't.

Statement of Uniformity and Stability

The actual breeding process of Galatea turf type, tall fescue was done by OFI and was subsequently purchased by DLF-Jenks (DLF International Seeds). While personally not the breeder of Galatea, it is the opinion of DLF after investigation of breeding records concerning the selection for uniformity as well as discussions with DLF-Jenks fieldmen who have observed this variety during foundation and commercial production, that Galatea tall fescue is very uniform and genetically stable in its characteristics. There have been no obvious variants observed during this time to the present.

EXHIBIT B.

Statement of Distinctness

Galatea tall fescue (*Festuca arundinacea*) is a cool-season bunchgrass developed for use in turf.

Galatea is most similar to the variety Bonanza. Galatea differs from Bonanza in characteristics including, but not necessarily limited to the following:

1. Galatea has a significantly shorter mature plant height than Bonanza when grown in western Oregon (74.2 cm vs. 95.1 cm) (see Table 10).
2. Galatea has a significantly shorter flag leaf height than Bonanza when grown in western Oregon (30.1 cm vs. 42.2 cm) (see Table 12).
3. Galatea has a significantly shorter panicle length than Bonanza when grown in western Oregon (13.5 cm vs. 20.2 cm) (see Table 16).

EXHIBIT C
(TALL & MEADOW FESCUES)

U.S. DEPARTMENT OF AGRICULTURE
PLANT VARIETY PROTECTION OFFICE, AMS, USDA
NATIONAL AGRICULTURAL LIBRARY Bldg., Rm. 500
10301 BALTIMORE Blvd.
BELTSVILLE, MD 20705

OBJECTIVE DESCRIPTION OF VARIETY
TALL & MEADOW FESCUES
(*Festuca* spp.)

NAME OF APPLICANT(S) <u>DLF-Jenks International Seeds</u> (BT: 8/27/2007)	TEMPORARY DESIGNATION <u>OFI-951</u>	VARIETY NAME <u>Galatea</u> (BT: 12/3/2007)
ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP Code) <u>PO Box 216-229</u> <u>Halsey, OR 97321-97348</u>		FOR OFFICIAL USE ONLY PVPO NUMBER <u>200300173</u>

(BT: 8/27/2007)

Place the appropriate number that describes the varietal characteristic of this variety in the boxes below. Use leading zeroes when necessary (e.g. 089). Characteristics described, including numerical measurements, should represent those that are typical for the variety. Measured data should be for SPACED PLANTS. Royal Horticultural Society or any recognized color fan may be used to determine plant colors. Characteristics marked with an asterisk * are characteristics which should be recorded.

* 1. SPECIES: (With comparison varieties, use varieties within the species of the application variety)

X 1 = *F. arundinacea* (Tall)Turf Types

1 = Kentucky 31 2 = Rebel 3 = Olympic 4 = Bonanza 5 = Arid 6 = Rebel II
7 = Shortstop 8 = Silverado 9 = Rebel Jr. 10 = Mini Mustang 11 = Crewcut 12 = Bonsai

Forage Types

20 = Kentucky 31 21 = Martin 22 = Forager 23 = Mozark
24 = Kenhy 25 = AU Triumph 26 = Fawn 27 = Cajun

2 = *F. pratensis* (Meadow)

30 = Admira 31 = Beaumont 32 = Contessa 33 = Ensign 34 = Trader

* 2. CYTOLOGY:

42 Chromosome Number

3. ADAPTATION: (0 = Not Tested; 1 = Not Adapted; 2 = Adapted)

0 Transition Zone 2 West 0 Northeast Other (Specify):

* 4. MATURITY: (Date First Headed, 10% of Panicle Emergence)

6 Maturity Class 1 = Very early () 2 = AU Triumph 3 = Early (Fawn) 4 = K31, Kenhy 5 = Medium (Rebel)
6 = Bonanza 7 = Late (Silverado) 8 = 9 = Very late

Date Headed May 29Location western Oregon4 Days earlier than 7Maturity same as 4 Comparison Variety7 Days later than 1

* 5. MATURE PLANT HEIGHT CM: (Average of 100 culms * INTERNODE LENGTH CM:
from crown to top of panicle, if panicle is nodding, straighten) (First internode subtending the flag leaf)

7 4.2 cm Height3 9.8 cm Internode length

2003 00173

1 2.8 cm shorter than 109.8 cm shorter than 6Height same as Bingo

Comparison Variety

Length same as 10

Comparison variety

9.4 cm taller than 12 cm longer than N/A

* HEIGHT AT EAR EMERGENCE CM: (Flag leaf height from crown to flag leaf node)

3 0.1 cm Height8.2 cm shorter than Houndog 5Height same as N/A Comparison Variety4.9 cm taller than 12

* 5. GROWTH HABIT: (Mature Plants)

8 1 = Prostrate ()

3 = Semiprostrate ()

5 = Horizontal ()

7 = Semi-erect (Rebel)

9 = Erect (Mini Mustang)

* 7. RHIZOMES (Psuedo):

 mm Length X 1 = Absent () 2 = Rare (Rebel) 3 = Common ()

* 8. LEAF BLADE: (Tiller leaves/ turf color)

* 6 Color: 1 = Light green () 3 = Medium light green () 5 = Green ()

7 = Medium dark green () 9 = Very dark green ()

6 Specify rating of comparison variety (Silverado)* 4 Anthocyanin: 1 = Absent () 9 = Present ()* 1 Basal Hairs: 1 = Absent () 9 = Present ()* 5 Margins: 1 = Smooth () 5 = Semi-rough () 9 = Rough ()* 6 Width Class: 1 = Very coarse () 3 = Coarse () 5 = Medium ()

7 = Fine () 9 = Very Fine ()

* TILLER LEAF LENGTH CM: (First leaf subtending the flag leaf)

* TILLER LEAF WIDTH MM:

1 4.7 cm Tiller Leaf Length7.2 mm Tiller Leaf Width7.1 cm shorter than 41.9 mm narrower than 4Length same as Bingo Comparison VarietyWidth same as 11 Comparison variety5.0 cm longer than 121.6 mm wider than 12

8. LEAF BLADE: (continued)

FLAG LEAF LENGTH CM:

FLAG LEAF WIDTH MM:

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1 1 8 cm Flag Leaf Length5 8 mm Flag Leaf Width3 2 cm shorter than 111 3 mm narrower than 4Length same as 11 Comparison VarietyWidth same as 10 Comparison variety4 3 cm longer than 121 5 mm wider than 12

* 9. LEAF SHEATH: (Basal Portion)

* 8 Anthocyanin (seedling): 1 = Absent (K31) 9 = Present ()* 8 Auricle Hairiness: 1 = Absent () 9 = Present ()

* 10. PANICLE: (At seed maturity except where noted.)

* 6 Shape: 1 = Narrow-tapering () 5 = Ovate () 7 = Oblong () 9 = Other (specify)* 5 Type: 1 = Compact (appressed) 5 = Intermediate () 7 = Open () 9 = Other (specify)* 7 Orientation: 1 = Nodding () 9 = Erect ()* 6 Branch Pubescence: 1 = Glabrous () 9 = Pubescent ()* 1 Anther Color (At anthesis): 1 = Yellowish Green 2 = Green 3 = Bluish Green
4 = Purplish 5 = Reddish 6 = Other (Specify)* 2 Glume Color (At anthesis): 1 = Yellowish Green 2 = Green 3 = Bluish Green
4 = Purplish 5 = Reddish 6 = Other (Specify)* 1 3 5 cm Panicle Length (from base to tip, if nodding, straighten; after anthesis)4 8 cm shorter than 1Length same as 7 Comparison Variety cm longer than N/A

* 11. SEED: (With Lemma & Pelea)

* 2 5 1 4 mg per 1000 seeds4 7 5 mg less than 4Weight same as 11 Comparison Variety mg more than N/APALEA: (Keels or Margins) 2 Hairs: 1 = Absent () 5 = Short (Missouri 96) 9 = Long ()LEMMA: 3 Hairs: 1 = Absent (Kenhy) 5 = Several () 9 = Many (Missouri 96)6 4 mm Lemma Length (Mature) 1 3 mm Lemma width0 8 mm shorter than Tomahawk mm narrower than N/ALength same as 9 Comparison Variety Width same as 1 Comparison variety0 7 mm longer than CIS-TF 64 mm wider than N/A

10. PANICLE: (continued)

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EXHIBIT D

Additional Traits of Galatea Tall Fescue When Grown in Western Oregon

Growth Habit:	Erect (53% erect, 40% semi-erect, 7% lax)
Rhizomes:	Absent
Margins:	Semi-rough
Seedling Anthocyanin:	Present
Auricle Hariness:	Present (present on 72% of plants)
Panicle Shape:	Ovate (42% ovate, 31% oblong, 27% narrow tapering)
Panicle Type:	Intermediate
Anther Color:	Yellowish green (60% yellowish green, 27% green 13% purplish)
Glume Color:	Green

Table 1. 2002 seed weight of tall fescue varieties. Reported as Mg per 1000 seeds.

Variety	Tangent	Shedd
(5.12/3/07) Galatea Galatea	2451.4	2575.5
Tomahawk	2957.8	3662.0
KY-31	2876.9	2851.7
Bonanza	2813.4	3164.8
Rebel II	2793.1	2934.0
Shortstop	2629.2	2508.0
Silverado	2564.4	2702.4
Bingo	2546.5	2800.3
Rebel Jr.	2456.3	2073.1
Crewcut	2428.2	2611.1
Bonsai	2376.7	2259.0
Houndog 5	2361.6	2738.0
LSD (0.05)	204.5	381.8

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

Table 2. 2002 Palea Hair length of tall fescue reported as 1=absent to 9=long.

(pr:12/3/07)	Variety	Tangent	Shedd
	Galatea Galatea	1.33	1.83
	Tomahawk	1.97	2.57
	KY-31	1.67	2.60
	Bonanza	1.67	3.07
	Rebel II	2.30	2.57
	Shortstop	1.43	2.33
	Silverado	1.53	2.23
	Bingo	1.73	2.87
	Rebel Jr.	1.40	2.93
	Crewcut	1.13	2.13
	Bonsai	1.73	2.47
	Houndog 5	1.43	2.33
	LSD(0.05)	0.66	0.75

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

Table 3. 2002 Lemma Hair amount of tall fescue reported as 1=absent to 9=many.

BT: 12/3/07

Variety	Tangent	Shedd
Galatea Galatea	2.07	2.80
Tomahawk	2.47	3.20
KY-31	2.00	4.27
Bonanza	3.07	3.60
Rebel II	3.07	3.60
Shortstop	2.37	3.23
Silverado	2.03	3.00
Bingo	2.70	3.90
Rebel Jr.	2.17	2.97
Crewcut	1.80	3.60
Bonsai	2.27	3.47
Houndog 5	3.23	3.60
LSD(0.05)	0.81	0.66

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

Table 4. 2002 Lemma Length measurements of tall fescue, reported in mm.

(Br:12/3/07)	Variety	Tangent	Shedd
	Galatea		
	Tomahawk	6.49	6.23
	KY-31	7.15	7.21
	Bonanza	6.09	5.98
	Rebel II	6.74	7.23
	Shortstop	6.51	6.30
	Silverado	6.27	6.44
	Bingo	6.87	6.61
	Rebel Jr.	6.23	6.53
	Crewcut	6.44	6.25
	Bonsai	6.58	6.62
	Houndog 5	6.76	6.81
		6.38	6.64
	LSD(0.05)	0.43	0.56

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

Table 5. 2002 Lemma Width measurements of tall fescue varieties, reported in mm.

Variety	Tangent	Shedd
(En:12/3/2008) Galatea Galatea	1.36	1.31
Tomahawk	1.46	1.53
KY-31	1.33	1.37
Bonanza	1.45	1.70
Rebel II	1.46	1.43
Shortstop	1.39	1.43
Silverado	1.46	1.49
Bingo	1.41	1.44
Rebel Jr.	1.37	1.44
Crewcut	1.37	1.46
Bonsai	1.39	1.44
Houndog 5	1.39	1.38
LSD(0.05)	0.09	0.13

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

Table 6. 2002 Awn Length measurements of tall fescue varieties reported in mm.

Variety	Tangent	Shedd
(8/12/3/07) Galatea Galatea	1.13	0.80
Tomahawk	0.70	0.85
KY-31	0.71	0.70
Bonanza	0.73	0.85
Rebel II	0.67	0.98
Shortstop	0.92	0.89
Silverado	1.14	0.95
Bingo	0.95	1.04
Rebel Jr.	1.17	0.92
Crewcut	0.86	1.24
Bonsai	0.89	1.01
Houndog 5	0.61	1.05
LSD(0.05)	0.37	0.28

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

Table 7. heading dates in Julian days of tall fescue varieties grown near Tangent and Shedd, Oregon in 2002.

(8/12/3/07)	Variety	Tangent	Shedd
	Galatea		
	Tomahawk	143.5	143.6
	KY-31	142.4	142.1
	Bonanza	150.9	148.3
	Rebel II	147.6	147.5
	Shortstop	153.9	151.7
	Silverado	150.8	151.2
	Bingo	146.2	145.3
	Rebel Jr.	147.6	147.5
	Crewcut	148.7	148.1
	Bonsai	154.9	152.8
	Houndog 5	147.8	147.5
	LSD(0.05)	2.0	2.1

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

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Table 8.

2002 Panicle Traits of Tall Fescue Varieties Grown Near Tangent and Shedd, Oregon

NAME	% of Plants with Erect Panicles			% of Plants with Panicle Branch Pubescence		
	Tangent	Shedd	Average	Tangent	Shedd	Average
TF 64	100.00	100.00	100.00	32.67	18.33	25.50
Bingo	100.00	82.00	91.00	59.00	30.67	44.84
Rebel Jr.	88.00	68.33	78.17	62.33	47.67	55.00
Bonsai	86.67	87.67	87.17	43.33	25.00	34.17
Mini Mustang	83.33	47.67	65.50	61.33	29.33	45.33
Shortstop	67.67	58.00	62.84	54.67	48.67	51.67
Galatea Galatea	64.00	82.33	73.17	68.33	46.67	57.50
Hounddog 5	53.00	51.67	52.34	38.67	17.33	28.00
Bonanza	52.67	20.67	36.67	59.33	52.33	55.83
Silverado	48.33	67.00	57.67	81.00	39.67	60.34
Tomahawk	39.67	57.67	48.67	62.33	58.67	60.50
Crewcut	39.67	53.33	46.50	45.67	46.67	46.17
KY-31	34.67	24.67	29.67	52.33	30.33	41.33
Rebel II	30.67	36.00	33.34	52.33	39.33	45.83

LSD @ 0.05

17.99

17.37

19.86

15.86

Table 9. 2002 Canopy Leaf Length of tall fescue varieties reported in cm.

Variety	Tangent		Shedd	
	Tangent		Shedd	
(5/12/3/07) Galatea Galatea	25.56		15.35	
Tomahawk	31.56		25.33	
KY-31	41.26		25.94	
Bonanza	33.24		30.01	
Rebel II	34.10		23.87	
Shortstop	21.86		17.79	
Silverado	29.24		16.51	
Bingo	22.24		16.54	
Rebel Jr.	24.21		21.52	
Crewcut	28.84		20.09	
Bonsai	15.52		9.43	
Houndog 5	27.35		18.58	
LSD(0.05)	3.20		2.06	

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

Table 10. 2002 tall fescue plant height measurements reported in cm.

(31:12/3/07)

Variety	Tangent	Shedd
Galatea	82.14	66.32
Tomahawk	99.83	87.51
KY-31	117.90	96.46
Bonanza	98.12	91.98
Rebel II	109.73	91.13
Shortstop	81.89	77.73
Silverado	90.33	65.40
Bingo	79.40	69.40
Rebel Jr.	91.09	86.85
Crewcut	99.64	82.96
Bonsai	75.61	53.96
Hounddog 5	97.59	77.67
LSD(0.05)	5.60	3.56

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

Table 11. 2002 tall fescue internode length measurements reported in cm.

Variety	Tangent	Shedd
(01/12/02) Galatea Galatea	43.33	36.34
Tomahawk	47.05	42.95
KY-31	56.67	43.43
Bonanza	51.02	39.57
Rebel II	55.37	43.89
Shortstop	36.82	41.05
Silverado	43.37	34.09
Bingo	40.76	34.19
Rebel Jr.	36.74	35.22
Crewcut	45.59	36.66
Bonsai	39.78	29.45
Houndog 5	46.33	38.02
LSD(0.05)	5.55	5.09

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

Table 12. 2002 tall fescue flag leaf height measurements reported in cm.

(8/12/3/2007)

Variety	Tangent	Shedd
Galatia	33.54	26.56
Tomahawk	37.31	41.66
KY-31	55.10	46.10
Bonanza	46.26	38.10
Rebel II	47.70	46.10
Shortstop	37.54	37.01
Silverado	34.99	32.29
Bingo	32.75	33.99
Rebel Jr.	35.39	31.54
Crewcut	40.87	29.40
Bonsai	28.22	22.12
Houndog 5	43.53	33.08
LSD (0.05)	5.19	4.13

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

Table 13. 2002 tall fescue flag leaf length measurements reported in cm.

(BA:12/3/07)	Variety	Tangent	Shedd
	Galatea	13.31	10.26
	Tomahawk	15.15	10.97
	KY-31	15.52	14.45
	Bonanza	18.73	19.53
	Rebel II	16.00	15.72
	Shortstop	12.80	15.08
	Silverado	14.52	10.41
	Bingo	10.99	10.49
	Rebel Jr.	14.95	15.69
	Crewcut	14.05	10.59
	Bonsai	8.69	6.24
	Houndog 5	14.08	12.58
	LSD(0.05)	1.93	2.33

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

Table 14. 2002 tall fescue flag leaf width measurements measured in mm.

Variety	Tangent	Shedd
(BT:12/3/07) Galatea Galatea	6.53	5.07
Tomahawk	5.99	4.69
KY-31	7.04	5.34
Bonanza	8.03	6.06
Rebel II	6.49	5.17
Shortstop	7.81	5.06
Silverado	7.18	5.41
Bingo	5.81	4.97
Rebel Jr.	6.79	5.57
Crewcut	7.21	5.43
Bonsai	5.41	3.08
Houndog 5	6.67	4.93
LSD (0.05)	0.79	0.90

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

Table 15. 2002 tall fescue tiller leaf length measurements measured in cm.

(8/12/3/2007)	Variety	Tangent	Shedd
	Tomahawk Galatea	16.22	13.18
	Tomahawk	18.61	17.05
	KY-31	21.45	20.56
	Bonanza	23.10	20.44
	Rebel II	20.17	21.04
	Shortstop	16.85	15.56
	Silverado	17.37	14.56
	Bingo	14.72	15.75
	Rebel Jr.	19.05	16.26
	Crewcut	26.71	14.46
	Bonsai	10.56	8.69
	Houndog 5	17.76	15.15
	LSD (0.05)	4.32	2.55

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

Table 16. 2002 tall fescue panicle length measurements, measured in cm.

Variety	Tangent	Shedd
(BT-12/31/07) Galatea Galatea	14.71	12.37
Tomahawk	22.45	19.68
KY-31	17.38	19.16
Bonanza	23.16	17.13
Rebel II	21.34	20.29
Shortstop	15.00	12.26
Silverado	20.29	20.27
Bingo	18.33	14.99
Rebel Jr.	25.00	21.07
Crewcut	21.58	19.78
Bonsai	17.58	16.28
Houndog 5	26.97	25.72
LSD (0.05)	2.49	2.83

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

Table 17. 2002 tiller leaf width measurements of tall fescue. Reported in mm.

(Gr: 12/13/07)	Variety	Tangent	Shedd
	Galatea	7.62	6.81
	Tomahawk	8.73	5.67
	KY-31	8.84	8.34
	Bonanza	9.53	6.61
	Rebel II	7.91	7.67
	Shortstop	9.15	5.67
	Silverado	8.45	6.63
	Bingo	7.57	7.34
	Rebel Jr.	8.38	8.06
	Crewcut	8.44	5.92
	Bonsai	6.47	4.68
	Houndog 5	8.51	6.33
	LSD (0.05)	1.05	0.98

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

Table 18. 2002 tall fescue leaf color ratings reported as 1=lt.green and 9=dark green.

Variety	Tangent	Shedd
(BT:12/3/07) Southern Comfort <i>Galatea</i>	5.79	5.80
Tomahawk	5.95	5.67
KY-31	4.17	2.68
Bonanza	4.80	4.42
Rebel II	5.30	5.25
Shortstop	5.80	4.64
Silverado	6.02	5.45
Bingo	6.32	6.16
Rebel Jr.	5.51	5.23
Crewcut	6.63	5.02
Bonsai	6.53	6.49
Houndog 5	5.74	4.64
LSD (0.05)	0.50	0.61

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

Table 19. 2002 tall fescue anthocyanin ratings measured as % plants with anthocyanin.

(8/12/3/07)

Variety	Tangent	Shedd
Galatea Galatea	30.33	41.00
Tomahawk	38.33	52.33
KY-31	74.33	52.33
Bonanza	48.33	60.00
Rebel II	40.00	60.67
Shortstop	19.00	26.67
Silverado	17.67	20.00
Bingo	14.67	29.00
Rebel Jr.	33.00	59.00
Crewcut	31.00	54.33
Bonsai	10.00	8.33
Houndog 5	37.00	27.67
LSD (0.05)	23.18	15.01

Trials consisted of 3 replications of each variety with 10 plants per rep and were located near Tangent and Shedd Oregon. Trials were conducted using completely random designs. Plant spacings were 1.5 feet within rows and 3 feet between rows.

REPRODUCE LOCALLY. Include form number and edition date on all reproductions.

FORM APPROVED - OMB No. 0581-0055

U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE**EXHIBIT E**
STATEMENT OF THE BASIS OF OWNERSHIP

Application is required in order to determine if a plant variety protection certificate is to be issued (7 U.S.C. 2421). The information is held confidential until the certificate is issued (7 U.S.C. 2426).

1. NAME OF APPLICANT(S) DLF International Seeds	2. TEMPORARY DESIGNATION OR EXPERIMENTAL NUMBER OFI-951	3. VARIETY NAME Galatea (ST: 12/13/2007)
4. ADDRESS (Street and No., or R.F.D. No., City, State, and ZIP, and Country) PO Box 229/175 West H Street Halsey, OR 97348 USA	5. TELEPHONE (Include area code) (541) 369-2251	6. FAX (Include area code) (541) 929-4087
7. PVPO NUMBER #200300173		

8. Does the applicant own all rights to the variety? Mark an "X" in the appropriate block. If no, please explain. ☒ YES ☐ NO9. Is the applicant (individual or company) a U.S. national or a U.S. based company? If no, give name of country. ☒ YES ☐ NO10. Is the applicant the original owner? ☐ YES ☒ NO If no, please answer one of the following:

a. If the original rights to variety were owned by individual(s), is (are) the original owner(s) a U.S. National(s)?

☐ YES ☐ NO If no, give name of country

b. If the original rights to variety were owned by a company(ies), is (are) the original owner(s) a U.S. based company?

☒ YES ☐ NO If no, give name of country

11. Additional explanation on ownership (Trace ownership from original breeder to current owner. Use the reverse for extra space if needed):

DLF International Seeds acquired ownership of **Galatea** tall fescue when it purchased all of the assets of DLF-Jenks
(ST: 12/3/07)**PLEASE NOTE:**

Plant variety protection can only be afforded to the owners (not licensees) who meet the following criteria:

1. If the rights to the variety are owned by the original breeder, that person must be a U.S. national, national of a UPOV member country, or national of a country which affords similar protection to nationals of the U.S. for the same genus and species.
2. If the rights to the variety are owned by the company which employed the original breeder(s), the company must be U.S. based, owned by nationals of a UPOV member country, or owned by nationals of a country which affords similar protection to nationals of the U.S. for the same genus and species.
3. If the applicant is an owner who is not the original owner, both the original owner and the applicant must meet one of the above criteria.

The original breeder/owner may be the individual or company who directed the final breeding. See Section 41(a)(2) of the Plant Variety Protection Act for definitions.

According to the Paperwork Reduction Act of 1995, an agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a valid OMB control number. The valid OMB control number for this information collection is 0581-0055. The time required to complete this information collection is estimated to average 0.1 hour per response, including the time for reviewing the instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information.

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To file a complaint of discrimination, write USDA, Director, Office of Civil Rights, Room 326-W, Whitten Building, 14th and Independence Avenue, SW, Washington, D.C. 20250-9410 or call (202) 720-5964 (voice and TDD). USDA is an equal opportunity provider and employer.

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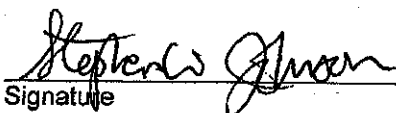
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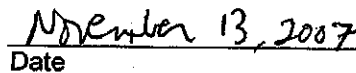
U.S. DEPARTMENT OF AGRICULTURE
AGRICULTURAL MARKETING SERVICE
SCIENCE AND TECHNOLOGY
PLANT VARIETY PROTECTION OFFICE
BELTSVILLE, MD 20705

EXHIBIT F
DECLARATION REGARDING DEPOSIT

NAME OF OWNER (S) DLF International Seeds	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country) PO Box 229/175 West H Street Halsey, OR 97348 USA	TEMPORARY OR EXPERIMENTAL DESIGNATION OF1-951 VARIETY NAME Galatea (BT:12/3/07)
NAME OF OWNER REPRESENTATIVE (S) Stephen W. Johnson	ADDRESS (Street and No. or RD No., City, State, and Zip Code and Country) PO Box 229/175 West H Street Halsey, OR 97348 USA	PVPO NUMBER #200300173

I do hereby declare that during the life of the certificate a viable sample of propagating material of the subject variety will be deposited, and replenished as needed periodically, in a public repository in the United States in accordance with the regulations established by the Plant Variety Protection Office.


Signature


Date